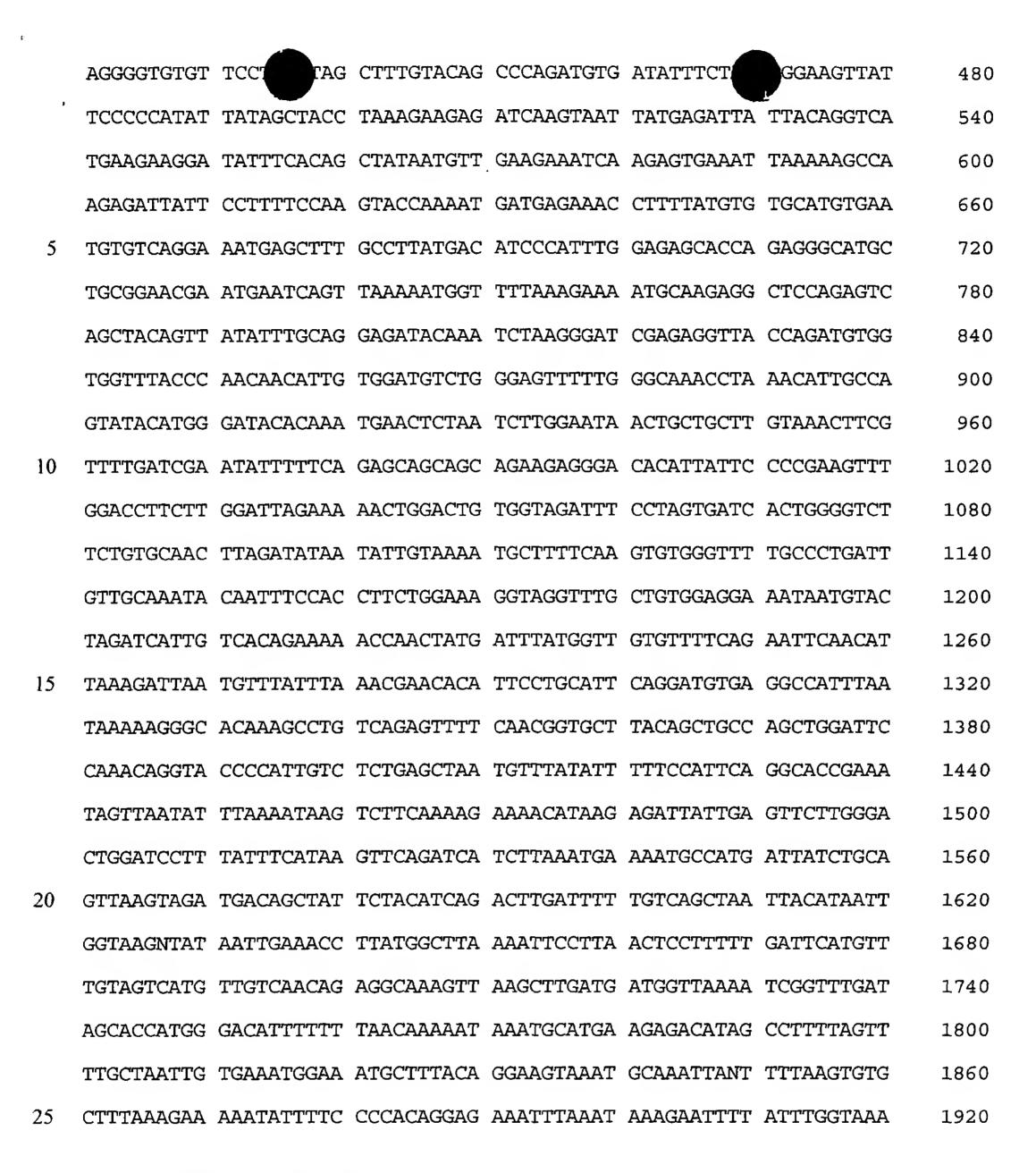


5	(i)	APPLICANT:  (A) NAME: Vlaams Interuniversitair Instituut voor  Biotechnologie  (B) STREET: Rijvisschestraat 120  (C) CITY: Zwijnaarde
10		(E) COUNTRY: Belgium (F) POSTAL CODE (ZIP): 9052B (G) TELEPHONE: +32 9 2446611 (H) TELEFAX: +32 9 2446610
	(ii) proteins	TITLE OF INVENTION: CD40 interacting and TRAF interacting
1.5	(iii)	NUMBER OF SEQUENCES: 6
15	(iv)	COMPUTER READABLE FORM:  (A) MEDIUM TYPE: Floppy disk  (B) COMPUTER: IBM PC compatible  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
20		(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
	(2) INFOR	RMATION FOR SEQ ID NO: 1:
25	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 1920 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: double  (D) TOPOLOGY: linear
	(ii)	MOLECULE TYPE: cDNA
	(iii)	HYPOTHETICAL: NO
	(iv)	ANTI-SENSE: NO
30	(vi)	ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens
	(ix)	FEATURE: (A) NAME/KEY: CDS (B) LOCATION:201108
35	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 1:
	GTGCAGAGG	C GGCAGGAAGA TGGAGTTGGG GAGTTGCCTG GAGGGCGGGA GGGAGGCGGC
	GGAGGAAGA	G GGCGAGCCTG AGGTGAAAAA GCGGCGACTT CTGTGTGTGG AGTTTGCCTC
	GGTCGCAAG	C TGCGATGCCG CAGTGGCTCA GTGCTTCCTG GCCGAGAACG ACTGGGAGAT
	GGAAAGGGC	T CTGAACTCCT ACTTCGAGCC TCCGGTGGAG GAGAGCGCCT TGGAACGCCG

40 ACCTGAAACC ATCTCTGAGC CCAAGACCTA TGTTGACCTA ACCAATGAAG AAACAACTGA

TTCCACCACT TCTAAAATCA GCCCATCTGA AGATACTCAG CAAGAAAATG GCAGCATGTT

CTCTCTCATT ACCTGGAATA TTGATGGATT AGATCTAAAC AATCTGTCAG AGAGGGCTCG



## (2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 362 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

## (vi) ORIGI SOURCE: (A) ANISM: Homo sapiens

	(xi)	SEQU	JENCE	DES	CRIP	TION	: SE	Q ID	NO:	2:						
5	Met 1	Glu	Leu	Gly	Ser 5	Cys	Leu	Glu	Gly	Gly 10	Arg	Glu	Ala	Ala	Glu 15	
	Glu	Gly	Glu	Pro 20	Glu	Val	Lys	Lys	Arg 25	Arg	Leu	Leu	Cys	Val 30	Glu	Phe
	Ala	Ser	Val 35	Ala	Ser	Cys	Asp	Ala 40	Ala	Val	Ala	Gln	Cys 45	Phe	Leu	Ala
10	Glu	Asn 50	Asp	Trp	Glu	Met	Glu 55	Arg	Ala	Leu	Asn	Ser 60	Tyr	Phe	Glu	Pro
	Pro 65	Val	Glu	Glu	Ser	Ala 70	Leu	Glu	Arg	Arg	Pro 75	Glu	Thr	Ile	Ser	Glu 80
15	Pro	Lys	Thr	Tyr	Val 85	Asp	Leu	Thr	Asn	Glu 90	Glu	Thr	Thr	Asp	Ser 95	
	Thr	Ser	Lys	Ile 100	Ser	Pro	Ser	Glu	Asp 105		Gln	Gln	Glu	Asn 11		Ser
	Met	Phe		Leu			Trp	Asn 120		Asp		Leu	Asp 12!	_	Asn	Asn
20	Leu	Ser 130	Glu	Arg	Ala	Arg	Gly 135		Cys	Ser	Tyr	Leu 140		Leu	Tyr	Ser
	Pro 145	Asp	Val	Ile	Phe	Leu 150	Gln	Glu	Val	Ile	Pro 155		Tyr	Tyr	Ser	Tyr 160
25	Leu	Lys	Lys	Arg	Ser 165	Ser	Asn	Tyr	Glu	Ile 170		Thr	Gly	His	Glu 17	
	Gly	Tyr	Phe	Thr 180	Ala	Ile	Met	Leu	Lys 185		Ser	Arg	Val	Lys 19		Lys
	Ser	Gln	Glu 195	Ile	Ile	Pro	Phe	Pro 200		Thr	Lys	Met	Met 20!		Asn	Leu
30	Leu	Cys 210	Val	His	Val	Asn	Val 215		Gly	Asn	Glu	Leu 220		Leu	Met	Thr
	Ser 225	His	Leu	Glu	Ser	Thr 230	Arg	Gly	His	Ala	Ala 235		Arg	Met	Asn	Gln 240
35	Leu	Lys	Met	Val	Leu 245	Lys	Lys	Met	Gln	Glu 250		Pro	Glu	Ser	Ala 25	
	Val	Ile	Phe	Ala 260	Gly	Asp	Thr	Asn	Leu 265	_	Asp	Arg	Glu	Val 27	_	Arg
	Cys	Gly	Gly 275	Leu	Pro	Asn	Asn	Ile 280		Asp	Val	Trp	Glu 28	_	Leu	Gly
40	Lys	Pro 290	Lys	His	Cys	Gln	Tyr 295		Trp	Asp	Thr	Gln 300		Asn	Ser	Asn
	Leu	Gly	Ile	Thr	Ala	Ala	Cys	Lys	Leu	Arg	Phe	Asp	Arg	Ile	Phe	Phe

310 320 305 315 Arg Ala Ala Glu Glu Gly His Ile Ile Pro Arg Ser Leu Asp Leu 325 330 Leu Gly Leu Glu Lys Leu Asp Cys Gly Arg Phe Pro Ser Asp His Trp 5 345 350 340 Gly Leu Leu Cys Asn Leu Asp Ile Ile Leu 355 360 (2) INFORMATION FOR SEQ ID NO: 3: (i) SEQUENCE CHARACTERISTICS: 10 (A) LENGTH: 1312 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: cDNA 15 (iii) HYPOTHETICAL: NO (iv) ANTI-SENSE: NO (vi) ORIGINAL SOURCE: (A) ORGANISM: Mus musculus (ix) FEATURE: (A) NAME/KEY: CDS 20 (B) LOCATION:122..1234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3: AGCTATTAAT GATTCGAATT TATACGACTC ACTATAGGGA ATTTGGCCCT CGAGGCCAAG 60 AATTCGGCAC GAGGGCGGA AGCAGCGTGA AGAGCGGGTG TTTTGAGGGG ACCCTGCGGC 120 25 G ATG GCG TCT GGC AGC AGT TCC GAT GCG GCG GAG CCC GCA GGG CCG 166 Met Ala Ser Gly Ser Ser Ser Asp Ala Ala Glu Pro Ala Gly Pro 4 2

	 1	 		5				10				- <i>1</i>	15	
30	 			Ser				Ala	CAG Gln			Glu		214
			Arg				Leu		TTT Phe		Leu			262
35	 	 	_			Ser	_		CGG Arg	_	Asn			310
					Ala				CTG Leu 7	Pro				358
40								_	AAG Lys )			_		406
	 								ACC Thr					454

0 105 110

,					ACT Thr					Ser					Phe		502
5					GAT Asp				Gly					Glu			550
10					TCC Ser			Ala					Asp				598
					ATC Ile		Pro					Leu					646
15					ATT Ile 180	Ile					Glu					Ala	694
	ATA Ile	CTA Leu	TTG Leu	AAG Lys 195	AAA Lys	GGA Gly	AGA Arg	GTG Val	AAA Lys 200	Phe	AAA Lys	AGT Ser	CAG Gln	GAG Glu 20	Ile	ATT Ile	742
20					ACC Thr				Arg					Val			790
25					AAT Asn			Cys					His				838
					TCT Ser		Glu					Leu					886
30					GAG Glu 260	Ala					Thr					Gly	934
					AGA Arg					Ile					Leu		982
35					GAT Asp				Phe					Lys			1030
40		Tyr	Thr	Trp	GAT Asp	Thr	Lys	Ala	Asn	Asn	Asn		Arg				1078
					CGT Arg		Asp					Arg					1126
45					CAA Gln 340	Ser					Gly					Asp	1174
					CCG Pro					Gly					Leu		1222

11:15:11

TO THE PARTY OF TH

## GTTCTGAATT TGTGTAGGTC TCAACCTTTC AGGACATC

## (2) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 371 amino acids
  - (B) TYPE: amino acid
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Met Ala Ser Gly Ser Ser Ser Asp Ala Ala Glu Pro Ala Gly Pro Ala 

Gly Arg Ala Ala Ser Ala Pro Glu Ala Ala Gln Ala Glu Glu Asp Arg 

Val Lys Arg Arg Leu Gln Cys Leu Gly Phe Ala Leu Val Gly Gly 

Cys Asp Pro Thr Met Val Pro Ser Val Leu Arg Glu Asn Asp Trp Gln

Thr Gln Lys Ala Leu Ser Ala Tyr Phe Glu Leu Pro Glu Asn Asp Gln 

Gly Trp Pro Arg Gln Pro Pro Thr Ser Phe Lys Ser Glu Ala Tyr Val 

Asp Leu Thr Asn Glu Asp Ala Asn Asp Thr Thr Ile Leu Glu Ala Ser 

Pro Ser Gly Thr Pro Leu Glu Asp Ser Ser Thr Ile Ser Phe Ile Thr 

Trp Asn Ile Asp Gly Leu Asp Gly Cys Asn Leu Pro Glu Arg Ala Arg 

Gly Val Cys Ser Cys Leu Ala Leu Tyr Ser Pro Asp Val Val Phe Leu 

Gln Glu Val Ile Pro Pro Tyr Cys Ala Tyr Leu Lys Lys Arg Ala Ala 

Ser Tyr Thr Ile Ile Thr Gly Asn Glu Glu Gly Tyr Phe Thr Ala Ile 

Leu Leu Lys Lys Gly Arg Val Lys Phe Lys Ser Gln Glu Ile Ile Pro 

Phe Pro Asn Thr Lys Met Met Arg Asn Leu Leu Cys Val Asn Val Ser 

Leu Gly Gly Asn Glu Phe Cys Leu Met Thr Ser His Leu Glu Ser Thr 

Arg Glu His Ser Ala Glu Arg Ile Arg Gln Leu Lys Thr Val Leu Gly 

,	Lys	Met	Gln	Gli 260	a	Pro	Asp	Ser	Thr 265		Val	Ile	Phe		Gly 0	Asp
	Thr	Asn	Leu 275	Arg	Asp	Gln	Glu	Val 280	Ile	Lys	Cys	Gly	Gly 28		Pro	Asp
5	Asn	Val 290	Phe	Asp	Ala	Trp	Glu 295		Leu	Gly	Lys	Pro 30	-	His	Cys	Gln
	Tyr 305	Thr	Trp	Asp	Thr	Lys 310		Asn	Asn	Asn	Leu 31	_	Ile	Pro	Ala	Ala 320
10	Tyr	Lys	His	Arg	Phe 325	qaA	Arg	Ile	Phe	Phe 330	_	Ala	Glu	Glu	Gly 33	
	Leu	Ile	Pro	Gln 340	Ser	Leu	Asp	Leu	Val 345	_	Leu	Glu	Lys	Leu 35	_	Cys
	Gly	Arg	Phe 355	Pro	Ser	Asp	His	Trp 360	Gly	Leu	Leu	Cys	Thr 36		Asn	Val
15	Val	Leu 370	*													
	(2)	INFO	RMAT	CION	FOR	SEQ	ID N	<b>10:</b> 5	S:							
20		(i)	() ()	A) LI B) T C) S	ENGTI (PE : [RANI	H: 19	536 ) Leic ESS:	acio doub	pai: i	cs.						
		(ii)	MOI	LECUI	E TY	PE:	CDNA	Ā								
	(	(iii)	HYE	POTHE	TICA	L: N	Ю									
25		(iv)	ANT	TI-SE	NSE:	NO										
		(vi)				URCE		o sar	piens	5						

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

(A) NAME/KEY: CDS

(B) LOCATION: 209..1536

(ix) FEATURE:

AGAGAAAGAG GCTCCGGGGA GATAGCGGAC CAGTGAGGGC TGCCCCTCTT TTGAAGCGGT 60 TTTCGTCTCT TTCCGCCAGT GGCCTCCCAG CTCACGCAGG GGCGGGTCCC GGTAGCGCGA 120 GGCGGTGCAG GGCGGGAAGG GGAGTGGTGG CGGCTGCGGC AGTAGGGACA GCAGGAGCAG 180 35 TGGTGCTGTC AGCGCGGCCG TCGGAGACAT GGGAGACCCG GGGTCGGAAA TAATAGAATC 240 TGTCCCTCCA GCTGGCCCTG AGGCATCTGA GTCAACAACG GATGAAAATG AAGACGACAT 300 TCAGTTTGTC AGTGAAGGAC CATCGAGACC TGTTCTTGAA TACATCGATC TGGTCTGTGG 360 TGATGATGAA AACCCTAGCG CCTATTATAG TGATATTCTG TTTCCTAAAA TGCCAAAACG 420 ACAGGGTGAT TTTTTGCATT TTTTAAATAT GAAGAAGGTG AAAACAGACA CAGAAAATAA 480 40 TGAAGTGAGC AAAAATCACT GCAGATTGTC TAAGGCAAAG GAACCACATT TCGAGTATAT 540

	AGAACAACCA	ATC. AAG	AAAAGCCATC	ACTTTCATCA	AAGAAAGA	AGATAATCT	600
•	TGTGCTTCCA	GATTGTTGGA	ATGAAAAACA	AGCATTTATG	TTTACAGAAC	AATACAAATG	660
	GCTTGAAATA	AAAGAAGGTA	AATTAGGATG	TAAGGATTGT	TCAGCAGTTC	GGCATTTGGG	720
	ATCGAAAGCA	GAAAAGCATG	TCCATGTGTC	CAAGGAATGG	ATTGCATATT	TAGTAACCCC	780
5	TAATGGCAGT	AATAAAACTA	CTAGGCAAGC	TTCTCTACGA	ATTAAAAAAA	GGGAACATGA	840
	TGTTTCTAAA	GCCCATGGTA	AAATTCAGGA	TTTGTTAAAG	GAATCAACTA	ATGATTCAAT	900
	TTGTAATTTA	GTGCATAAAC	AATAATAA	AAATATTGAT	GCTACTGTAA	AAGTTTTCAA	960
	TACTGTTTAC	AGTTTAGTAA	AACATAACAG	ACCTTTATCT	GATATTGAGG	GGGCAAGAGA	1020
	ATTACAGGAA	AAAAATGGAG	AGGTAAATTG	TTTAAATACA	CGTTACAGTG	CAACAAGAAT	1080
10	AGCAGAACAT	ATTGCAAAAG	AAATGAAGAT	GAAGATATTT	AAGAATATTA	TAGAAGAGAA	1140
	TGCCAAAATC	TGTATCATAA	TTGATGAGGC	ATCTACAGTT	TCAAAGAAAA	CCACCCTAGT	1200
	GATTTATCTC	CAGTGCACAA	TTCAGTCAGC	TCCTGCACCT	GTTATGTTAT	TTGTGGCTTT	1260
	AAAAGAATTG	GTGTCAACTA	TAGCAGAGTG	TATTGTCAAT	ACATTATTGA	CTACTTTAAA	1320
	TGATTGTGGT	TTTACAAATG	AATATTTGAA	AGCAAATTTA	ATTGCATTTT	GTTCTGATGG	1380
15	TGCTAATACA	ANCCTGGGAA	GAAAGTCTGG	AGTAGCTACA	AAATTGTTAG	AAAATTTTCC	1440
	TGAAATCATC	ATTTGGAACT	GTTTAAATCA	TCGATTACAA	TTGTCACTTG	ATGATTCTAT	1500
	ATCCGAAATA	AAACAAATTA	ATCATTTAAN	NTATAA			1536

- (2) INFORMATION FOR SEQ ID NO: 6:
- (i) SEQUENCE CHARACTERISTICS: 20
  - (A) LENGTH: 442 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS: single
    (D) TOPOLOGY: linear

  - (ii) MOLECULE TYPE: protein
- 25 (iii) HYPOTHETICAL: NO
  - (iv) ANTI-SENSE: NO
  - (vi) ORIGINAL SOURCE:
    - (A) ORGANISM: homo sapiens
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
- 30 Met Gly Asp Pro Gly Ser Glu Ile Ile Glu Ser Val Pro Pro Ala Gly 15
  - Pro Glu Ala Ser Glu Ser Thr Thr Asp Glu Asn Glu Asp Asp Ile Gln
- Phe Val Ser Glu Gly Pro Ser Arg Pro Val Leu Glu Tyr Ile Asp Leu 35
  - Val Cys Gly Asp Asp Glu Asn Pro Ser Ala Tyr Tyr Ser Asp Ile Leu

·	ı	Phe 65	Pro	Lys	Met	Pro	Lys 70	Arg	Gln	Gly	Asp	Phe 75	Leu	His	Phe	Leu	Asn 80
	5	Met	Lys	Lys	Val	Lys 85	Thr	Asp	Thr	Glu	Asn 90	Asn	Glu	Val	Ser	Lys 95	Asn
		His	Cys	Arg	Leu 100	Ser	Lys	Ala	Lys	Glu 105	Pro	His	Phe	Glu	Tyr 110	Ile O	Glu
		Gln	Pro	Ile 115	Ile	Glu	Glu	Lys	Pro 120		Leu	Ser	Ser	Lys 12		Glu	Ile
	10	Asp	Asn 130	Leu	Val	Leu	Pro	Asp 135	Cys	Trp	Asn	Glu	Lys 140	Gln )	Ala	Phe	Met
		Phe 145	Thr	Glu	Gln	Tyr	Lys 150	Trp	Leu	Glu	Ile	Lys 155	Glu	Gly	Lys	Leu	Gly 160
	15	Cys	Lys	Asp	Cys	Ser 165		Val	Arg	His	Leu 170		Ser	Lys	Ala	Glu 17	Lys 5
		His	Val	His	Val 180	Ser	Lys	Glu	Trp	Ile 185	Ala	Tyr	Leu	Val	Thr 19	Pro 0	Asn
		Gly	Ser	Asn 195	Lys	Thr	Thr	Arg	Gln 200	Ala	Ser	Leu	Arg	Lys 20	Lys 5	Ile	Arg
	20	Glu	His 210	Asp	Val	Ser	Lys	Ala 215		Gly	Lys	Ile	Gln 220	Asp O	Leu	Leu	Lys
Here and the fact of the fact		Glu 225	Ser	Thr	Asn	Asp	Ser 230	Ile	Cys	Asn	Leu	Val 235	His 5	Lys	Gln	Asn	Asn 240
Francisco de la companya del la companya de la companya del la companya de la com	25	Lys	Asn	Ile	Asp	Ala 245		Val	Lys	Val	Phe 250		Thr	Val	Tyr	Ser 25	Leu 5
Processing the second s		Val	Lys	His	Asn 260		Pro	Leu	Ser	Asp 265		Glu	Gly	Ala	Arg 27		Leu
		Gln	Glu	Lys 275	Asn	Gly	Glu	Val	Asn 280		Leu	Asn	Thr	Arg 28	Tyr 5	Ser	Ala
The second section of the sec	30	Thr	Arg 290	Ile	Ala	Glu	His	Ile 295		Lys	Glu	Met	Lys		Lys	Ile	Phe
		Lys 305	Asn	Ile	Ile	Glu	Glu 310	Asn	Ala	Lys	Ile	Cys 31		Ile	Ile	Asp	Glu 320
	35	Ala	Ser	Thr	Val	Ser 325		Lys	Thr	Thr	Leu 330	Val	Ile	Tyr	Leu	Gln 33	Cys 5
		Thr	Ile	Gln	Ser 340		Pro	Ala	Pro	Val 345		Leu	Phe	Val	Ala 35		Lys
		Glu	Leu	Val 355		Thr	Ile	Ala	Glu 360		Ile	Val	Asn	Thr 36		Leu	Thr
	40	Thr	Leu 370		Asp	Cys	Gly	Phe 375		Asn	Glu	Tyr	Leu 38		Ala	Asn	Leu
		Ile 385		Phe	Cys	Ser	Asp 390		Ala	Asn	Thr	Xaa 39	Leu 5	Gly	Arg	Lys	Ser 400

Gly Val A hr Lys Leu Leu Glu Asn Phe Pro Glue Ile Ile Trp 415

Asn Cys Leu Asn His Arg Leu Gln Leu Ser Leu Asp Asp Ser Ile Ser 420 425 430

Glu Ile Lys Gln Ile Asn His Leu Xaa Tyr 435 440